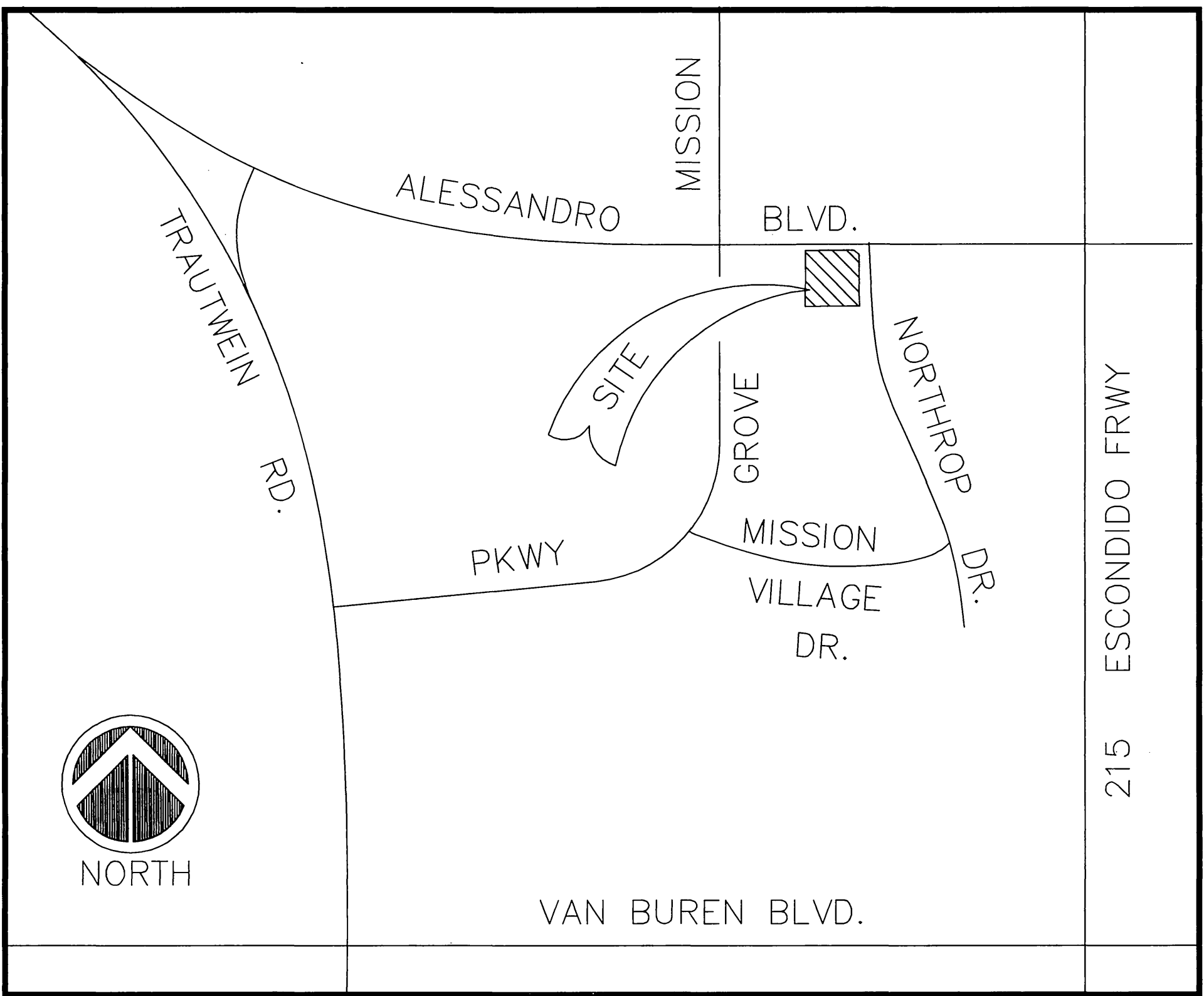


ARCO GAS STATION/ampm CONVENIENCE STORE
FACILITY No. 6528
OFF-SITE STORM DRAIN IMPROVEMENT PLAN
501 ALESSANDRO BLVD.
CITY OF RIVERSIDE, CALIFORNIA

GENERAL NOTES

1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
4. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
5. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
6. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
7. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
8. ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
9. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.



VICINITY MAP
NOT TO SCALE

SHEET NO.	DESCRIPTION
1 OF 2	TITLE SHEET (STORM DRAIN)
2 OF 2	PLAN AND PROFILE

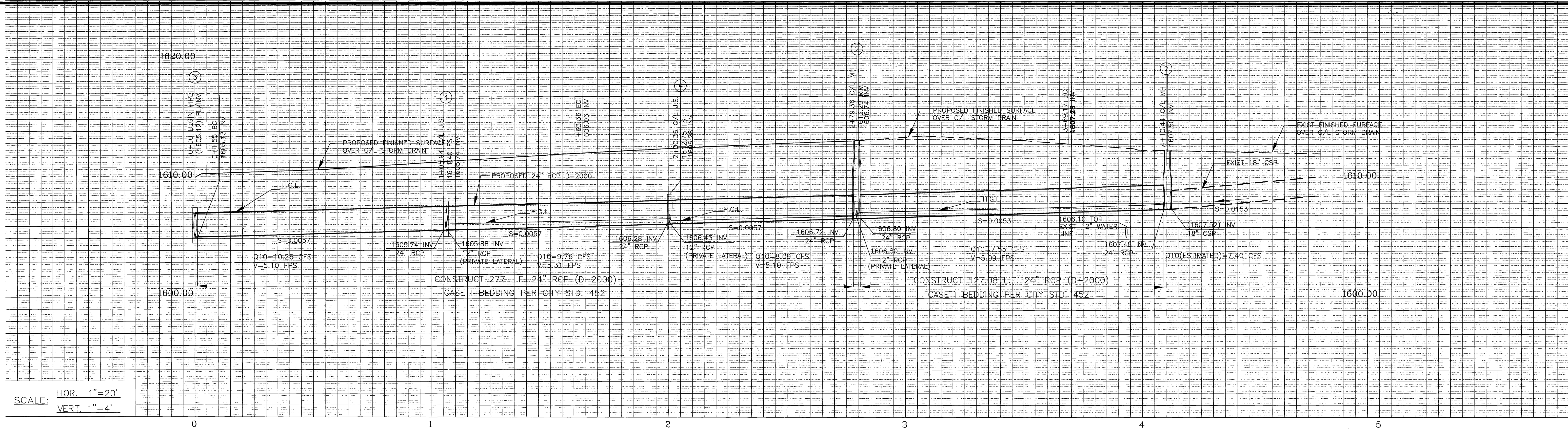
ENGINEER'S NOTE:

1) ENGINEER MUST SET GRADE STAKES FOR ALL DRAINAGE DEVICES, AND OBTAIN INSPECTION BEFORE POURING.

BENCH MARK:

CITY OF RIVERSIDE DATUM, BM# FB-G3, P.K. NAIL AND CITY ENGINEER TAG IN THE SIDEWALK OVER THE WESTERLY WALL OF A CATCH BASIN, 1 FOOT NORTHERLY OF THE FACE OF CURB ALONG THE NORTHERLY CURB OF ALESSANDRO BLVD., EASTERLY OF MISSION GROVE PARKWAY.
(1970 ADJUSTED) ELEVATION = 1602.329 FEET

<p>Underground Service Alert</p> <p>Call: TOLL FREE</p> <p>1 - 800</p> <p>227 - 2600</p> <p>TWO WORKING DAYS BEFORE YOU DIG</p>	<p>PRIVATE ENGINEERING NOTE</p> <p>CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.</p>	<p>PREPARED UNDER THE DIRECTION OF:</p> <p>REGISTERED CIVIL ENGINEER NO. 37687</p> <p>EXPIRATION DATE: 12-31-04 DATE: 3/28/02</p>	<p>DESIGNED BY: H.V. DRAWN BY: H.V. CHECKED BY: J.B.</p> <p>SCALE: AS SHOWN</p> <p>DATE: 3/28/2002</p> <p>BENCH MARK: SEE ABOVE</p>	<p>SANTA ANA WATERSHED PROJECT AUTHORITY</p> <p>APPROVED BY: NOT NECESSARY JMK 4/4/02 DATE</p> <p>WESTERN MUNICIPAL WATER DISTRICT FOR N.I.C. ONLY</p> <p>APPROVED BY: JMK 4-4-02 DATE</p>	<p>CITY OF RIVERSIDE, CALIFORNIA</p> <p>DEPARTMENT OF PUBLIC WORKS</p> <p>APPROVED BY: [Signature] DATE: 5/1/02</p> <p>PRINCIPAL ENGR. [Signature] DATE: 4/12/02</p> <p>PARK DEPARTMENT</p> <p>TRAFFIC DIVISION</p> <p>DEPUTY P.W. DIRECTOR</p> <p>ST. SERVICES</p>	<p>IN THE CITY OF RIVERSIDE</p> <p>PM 30214, PAR 1</p> <p>CU - 071-001</p> <p>NORTHROP DRIVE</p> <p>STORM DRAIN PLAN</p> <p>FOR:</p>	<p>PROJECT NO. 1004.40</p> <p>D-704</p> <p>SHEET 1 OF 2</p> <p>FILE NO.:</p>
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SCALE: HOR. 1"=20'
VERT. 1"=4'



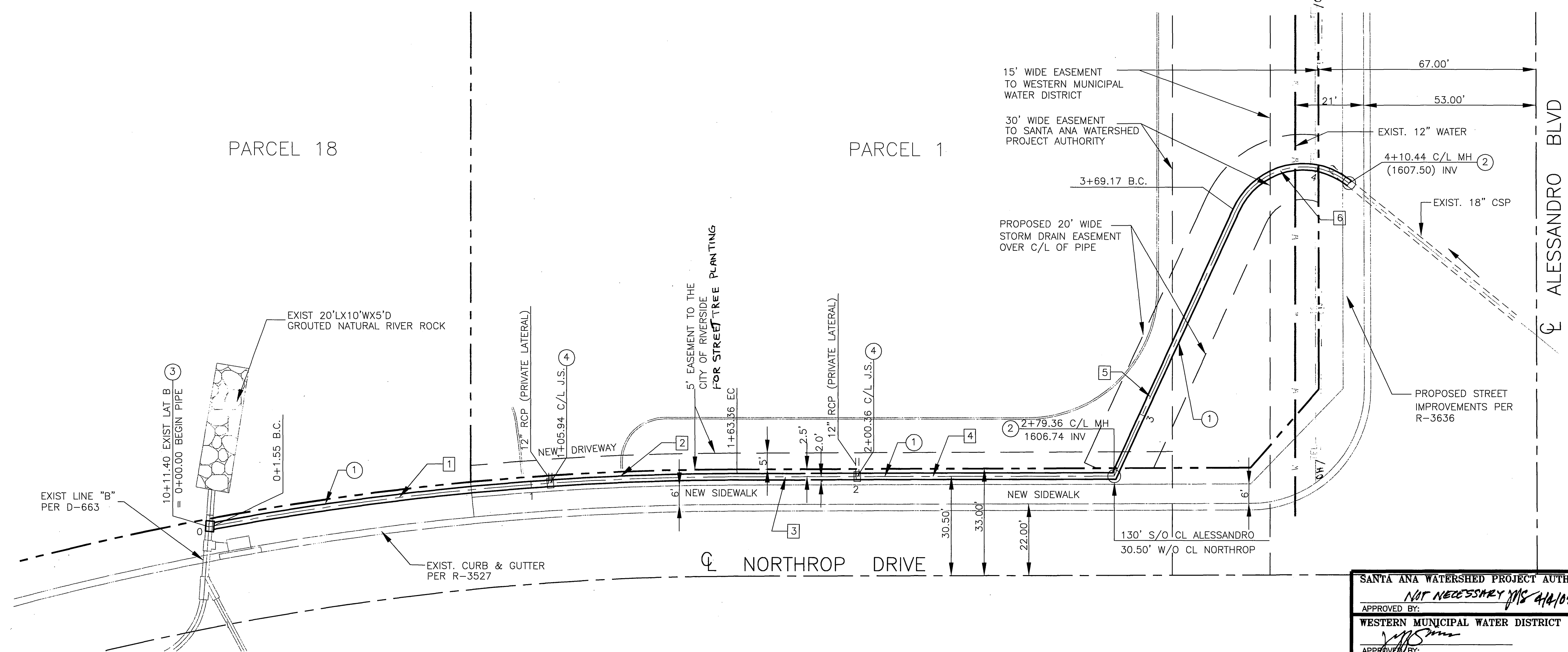
SCALE: 1" = 20'

- CONSTRUCTION NOTES:
1. CONSTRUCT 24" RCP (D=2000), CASE 1 BEDDING PER CITY STD. 452
 2. CONSTRUCT MANHOLE PER CITY STD. 431
 3. BREAK INTO EXIST 24" RCP AND CONSTRUCT JUNCTION STRUCTURE PER CITY STD. 421
 4. CONSTRUCT JUNCTION STRUCTURE PER CITY STD. 421

STORM DRAIN DATA

	DELTA/BEARING	RADIUS	LEN./DIST.	TANGENT
1	6°53'37"	880.50'	104.39'	53.03'
2	3°44'11"	880.50'	57.42'	28.70'
3	S00°10'14"E	—	37.00'	—
4	S00°10'14"E	—	79.00'	—
5	N65°18'47"W	—	89.81'	—
6	105°06'00"	22.50'	41.27'	29.37'

BENCH MARK:
CITY OF RIVERSIDE DATUM, BM# F8-G3, P.K. NAIL AND CITY ENGINEER TAG IN THE SIDEWALK OVER THE WESTERLY WALL OF A CATCH BASIN, 1 FOOT NORTHERLY OF THE FACE OF CURB ALONG THE NORTHERLY CURB OF ALESSANDRO BLVD., EASTERLY OF MISSION GROVE PARKWAY.
(1970 ADJUSTED) ELEVATION = 1602.329 FEET



SANTA ANA WATERSHED PROJECT AUTHORITY
NOT NECESSARY JMS 4/4/02

APPROVED BY: _____ DATE: _____
WESTERN MUNICIPAL WATER DISTRICT FOR N.I.C. ONLY
APPROVED BY: _____ DATE: 4/4/02

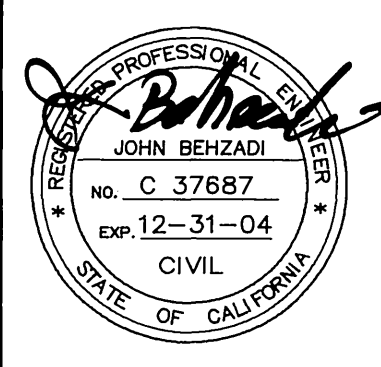
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGR.	JMS	4/4/02	THOM BORD
PARK DEPARTMENT			
TRAFFIC DIVISION			
DEPUTY P.W. DIRECTOR			
ST. SERVICES			

DATE: 4/4/02

Underground Service Alert
Call: TOLL FREE
1 - 800
227 - 2600
TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF:
REGISTERED CIVIL ENGINEER NO. 37687
EXPIRATION DATE: 12-31-04 DATE: 3/28/02

PREPARED BY: **AAE INCORPORATED**
Civil, Traffic & Transportation Engineering
333 CITY BOULEVARD WEST, SUITE 2150
ORANGE, CA 92668
(714) 940-0100
RIVERSIDE BUSINESS TAX NO. 106863
EXPIRATION DATE: 03-21-2003
SCALE: AS SHOWN BENCH MARK: SEE ABOVE
DATE: 03/28/2002

MARK	REVISIONS	APPR.	DATE
DESIGNED BY	H.V.	DRAWN BY	H.V.
CHECKED BY	J.B.		

IN THE CITY OF RIVERSIDE
PM 30214, PAR 1
CU - 071-001
NORTHROP DRIVE
STORM DRAIN PLAN
FOR:
PROJECT NO. 1004.40
D-704
SHEET 2 OF 2
FILE NO.:

INDEXED 6-04-02 G/H